

RIVER ROAD LANDFILL
ADMINISTRATIVE RECORD FILE *
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III. REMEDIAL RESPONSE PLANNING

1. Letter to Mr. Frank Quirus, Waste Management of North America, Inc., from Ms. Lisa Nichols, U.S. EPA, re: Conditional approval of the Work Plan, 8/13/91. P. 300001-300007. Comments on the Work Plan and two certified mail receipts are attached.
2. Organic Data Validation Report for Case 16545, prepared by Weston, 8/21/91. P. 300008-300056. A transmittal memorandum is attached.
3. Inorganic Data Validation Report for Case 16545, prepared by Weston, 8/27/91. P. 300057-300076. A transmittal memorandum is attached.
4. Report: Final Work Plan, Remedial Investigation/ Feasibility Study, River Road Landfill, Mercer Co., Pennsylvania, Volume 1 of 8, prepared by Warzyn Inc., 9/91. P. 300077-300234.
5. Report: Final Work Plan, Remedial Investigation/ Feasibility Study, River Road Landfill, Mercer Co., Pennsylvania, Volume 2 of 8, prepared by Warzyn Inc., 9/91. P. 300235-300356.
6. Report: Final Work Plan, Remedial Investigation/ Feasibility Study, River Road Landfill, Mercer Co., Pennsylvania, Appendices, Volume 3 of 8, prepared by Warzyn Inc., 9/91. P. 300357-300708.
7. Report: Final Work Plan, Remedial Investigation/ Feasibility Study, River Road Landfill, Mercer Co., Pennsylvania, Appendices, Volume 4 of 8, prepared by Warzyn Inc., 9/91. P. 300709-301087.
8. Report: Final Work Plan, Remedial Investigation/ Feasibility Study, River Road Landfill, Mercer Co., Pennsylvania, Appendices, Volume 5 of 8, prepared by Warzyn Inc., 9/91. P. 301088-301312.
9. Report: Final Work Plan, Remedial Investigation/

* Administrative Record File available 9/24/91, updated 10/17/91, 11/9/91, 11/20/91, 11/25/91, 12/30/91, 1/28/92, 2/24/92, 3/10/92, 4/16/92, 8/10/95, and 1/24/96.

Feasibility Study, River Road Landfill, Mercer Co., Pennsylvania, Appendices, Volume 6 of 8, prepared by Warzyn Inc., 9/91. P. 301313-301683.

10. Report: Final Work Plan, Remedial Investigation/ Feasibility Study, River Road Landfill, Mercer Co., Pennsylvania, Appendices, Volume 7 of 8, prepared by Warzyn Inc., 9/91. P. 301684-302058.
11. Report: Final Work Plan, Remedial Investigation/ Feasibility Study, River Road Landfill, Mercer Co., Pennsylvania, Appendices, Volume 8 of 8 Warzyn Inc., 9/91. P. 302059-302627.
12. Quirus, Waste Management of North America, Inc., re: Revision and transmittal of the Work Plan, 9/4/91.
13. Memorandum to Ms. Lisa Nichols, U.S. EPA, from Dr. Organics Report, indicating no evidence of health concern, 9/6/91. P. 302630-302643. A transmittal attached.
14. Quirus, Waste Management of North America, Inc., re: Response to EPA's comments on the Work Plan, 9/9/91.
15. Letter to Mr. Frank Quirus, Waste Management of North Final approval of the Work Plan, 9/10/91. P. 302653-302653.

Letter to The Barovich Family from Ms. Lisa Nichols, U.S. EPA, re: Home well analysis, 9/10/91. P. 302654-
17. Letter to Mr. Geoffrey Bristow, Pennsylvania Department Nichols, U.S. EPA, re: Notice of an informational meeting on October 10, 1991, 9/11/91. P. 302655-
18. Inorganic Data Validation, Case 16545, River Road memorandum is attached.

19. Letter to Mr. Frank Quirus, Waste Management of North America, Inc., from Ms. Lisa Nichols, U.S. EPA, re: Final approval of various plans for River Road Landfill, 9/10/91. P. 320676-302678. A certified mail receipt is attached.
20. Inorganic Data Validation, Case, 16813, River Road Landfill, 10/7/91. P. 302679-302695. A cover memorandum is attached.
21. Letter to The Barovich Family from Mr. Frank J. Quirus, Waste Management of North America, re: Review of volatile organic compound analysis of the Barovich residence well, 10/18/91. P. 302696-302758. The following are attached:
 - a) letter regarding analysis of the Barovich home well;
 - b) four Volatile Organics Analysis Data Sheets;
 - c) a Chain of Custody record;
 - d) Codes to identify Enesco samples sheet;
 - e) Volatile Organic Compounds data;
 - f) Semi-Volatile Organic Compounds data;
 - g) Pesticide and PCB Compounds data;
 - h) Inorganic Compounds data.
22. Organic Validation for Case 16813 Site: River Road, prepared by Weston, 10/25/91. P. 302759-302829. A cover memorandum is attached.
23. Letter to Ms. Lisa Nichols, U.S. EPA, from Mr. Frank J. Quirus, Waste Management of North America, Inc., re: Final RI/FS Work Plan schedule, 9/25/91. P. 302830-302832. Two work plan schedules are attached.
24. Letter to Ms. Lisa Nichols, U.S. EPA, from Mr. Frank J. Quirus, Waste Management of North America, Inc., re: Work Plan Modification for River Road Landfill RI/FS, 12/3/91. P. 302833-302844. Two tables and portions of two letters regarding the Field Sampling Plan RI/FS and Work Plan are attached.

25. Monthly Progress Report #1, River Road Landfill RI/FS, September 1991, prepared by Waste Management of North America, Inc., 10/14/91. P. 302845-302847. A cover letter is attached.
26. Monthly Progress Report #2, River Road Landfill RI/FS, October 1991, prepared by Waste Management of North America, Inc., 11/14/91. P. 302848-302852. A cover letter and Table 1, Phase I - Initial Field Schedule for River Road Landfill are attached.
27. Monthly Progress Report #3, River Road Landfill RI/FS, November 1991, prepared by Waste Management of North America, Inc., 12/13/91. P. 302853-302857. A cover letter and Figure 1, Organization Chart for River Road Landfill NPL Site RI/FS are attached.
28. Telephone conversation record of Ms. Lisa Nichols, U.S. EPA, with Mr. Doug Donor, RCRA, re: Permeability tests: Proposed ASTM method, 1/2/92. P. 302858-302858.
29. Telephone conversation record of Ms. Lisa Nichols, U.S. EPA, with Mr. Geoffrey Bristow, PADER, re: Permeability tests: Proposed ASTM method, 1/8/92. P. 302859-302859.
30. Telephone conversation record of Ms. Lisa Nichols, U.S. EPA, with Mr. Bill Foster, U.S. EPA, re: Permeability tests: Proposed ASTM method, 1/10/92. P. 302860-302860.
31. Facsimile cover sheet to Mr. Peter Vagt, Mr. Roy Leach, Mr. Bruce Pluta, and Mr. Frank Quirus, from Ms. Lisa Nichols, U.S. EPA, re: Teleconference call set for Tuesday, January 21, 1/10/92. P. 302861-302861.
32. Handwritten telephone conversation with Mr. Jeff Shank, Mr. Bruce Pluta, Mr. Peter Vagt, Mr. Frank Quirus, and Ms. Bernice Pasquini, re: Drilling and sampling, 1/13/92. P. 302862-302862.
33. Letter to Ms. Lisa Nichols, U.S. EPA, from Mr. Frank J. Quirus, Waste Management of North America, Inc., re: Split-spoon sampling procedures, 1/13/92. P. 302863-

302863.

34. Monthly Progress Report #4, River Road Landfill RI/FS, December 1991, prepared by Waste Management of North America, Inc., 1/14/92. P. 302864-302871. A cover letter, Table 1, Phase I - Field Activities, and Table 2, Phase I - Additional Activities, are attached.
35. Letter to Ms. Lisa Nichols, U.S. EPA, from Mr. Frank J. Quirus, Waste Management of North America, Inc., re: Summary of conference call on January 21, 1992, 1/22/92. P. 302872-302873.
36. Letter to Mr. Gary Poling, U.S. Army Corps of Engineers, from Ms. Lisa Nichols, U.S. EPA, re: Concern and assessment of possible buried drums of hazardous materials at the River Road landfill, 1/22/92. P. 302874-302874.
37. Facsimile cover sheet to Ms. Lisa Nichols, U.S. EPA, from Mr. Peter Vagt, Warzyn, re: Well sequence, 1/22/92. P. 302875-302876. A hand-drawn sketch of the standard WM well completion sequence and an alternate sequence is attached.
38. Letter to Ms. Lisa Nichols, U.S. EPA, from Mr. Frank J. Quirus, Waste Management of North America, Inc., re: Well completion procedures included in the approved Work Plan, 1/23/92. P. 302877-302878.
39. Letter to Ms. Lisa Nichols, U.S. EPA, from Mr. Bruce R. Pluta, CDM Federal Programs Corporation, re: The applicability of geophysical methods to locate buried drums, 1/27/92. P. 302879-302912. An article entitled, "Detection of Buried Drums and Tanks at Waste Disposal Sites and Industrial Plants" are attached.
40. Facsimile cover sheet to Ms. Lisa Nichols, U.S. EPA, from Mr. Peter Vagt, Warzyn, re: Ground water dam information and a conference call, 2/10/92. P. 302913-302919. The following are attached:
 - a) a Ground Water Dam Boring locations map;
 - b) a sketch of Boring 5 and Boring 2;
 - c) a sketch of Boring 1;

- a sketch of Boring 3 with handwritten notes;
 - e)
 - f) a River Road borings update and a sketch of
- 41. Letter to Ms. Lisa Nichols, U.S. EPA, from Thanh Ung,
P. 302920-302920.
- 42. Ms. Annette Lage, U.S. EPA, with Mr. Kevin Connell, re:
Vials of soil in the laboratory, 2/28/92. P. 302921-
- 43. Letter to Ms. Lisa Nichols, U.S. EPA, from Mr. Frank J.
Preliminary meeting planned with Warzyn and Waste
Management of PA, 3/4/92. P. 302922-302922.

Letter to Ms. Lisa Nichols, U.S. EPA, from Mr. Frank J.
Quirus, Waste Management of North America, Inc., re:

P. 302923-302924.
- 45. Quirus, Waste Management of North America, Inc., re:
Work Plan clarification of the surface water samples
- 46. Monthly Progress Report #6, River Road Landfill RI/FS,
America, Inc., 3/15/92. P. 302926-302955. The
following are attached:
 - a cover letter;
 - b)
 - c) Table 2, Sampling Activities, Phase I RI;

Figure 1, Revised schedule for technical
memorandum #1;

a grain size distribution test report;
 - f)

survey;

- g) a Water Supply Home Well survey;
 - h) a site location map;
 - i) Exhibit 4.0, River Road Landfill Gas Monitoring Locations;
 - j) three Gas Migration Monitoring Reports.
47. Letter to Ms. Lisa Nichols, U.S. EPA, from Mr. Frank J. Quirus, Waste Management of North America, re: Modification of well development methods, 3/16/92. P. 302956-302958. Figure 1, Revised Schedule for Technical Memorandum #1 is attached.
48. Letter to Ms. Lisa Nichols, U.S. EPA, from Mr. Frank J. Quirus, Waste Management of North America, Inc., re: Notification of change in respondent project coordinator, 3/27/92. P. 302959-302959.
49. Letter to Mr. Frank Quirus, Waste Management of North America, Inc., from Ms. Lisa Nichols, U.S. EPA, re: The content and proposed conclusions of Technical Memorandum #1, 3/27/92. P. 302060-302960.
50. Report: Remedial Investigation Report, River Road Landfill, Hermitage, Pennsylvania, Volume I of III, prepared by Montgomery Watson Americas, Inc., March 1995. P. 302961-303263.
51. Report: Remedial Investigation Report, River Road Landfill, Hermitage, Pennsylvania, Volume II of III, prepared by Montgomery Watson Americas, Inc., March 1995. P. 303264-303549.
52. Report: Remedial Investigation Report, River Road Landfill, Hermitage, Pennsylvania, Volume III of III, prepared by Montgomery Watson Americas, Inc., March 1995. P. 303550-304075.
53. Report: Final Baseline Risk Assessment, River Road Landfill, prepared by RUST Environmental & Infrastructure, 3/95. P. 304076-304510.
54. Report: Feasibility Study Report, River Road Landfill,

Hermitage, Pennsylvania

Americas, Inc., 4/95. P. 304511-304729.

55.

Landfill, prepared by Montgomery Watson Americas, Inc.,
6/21/95. P. 304730-304730.

Letter to Mr. Trevan Houser, Waste Management of North
America, Inc., from Ms. Donna Santiago, U.S. EPA, re:

7/10/95. P. 304731-304740.

57.

Pennsylvania, 8/10/95. P. 304741-304758.

58.

James D. Rozakis, Pennsylvania Department of
Environmental Protection (PADEP), re: PADEP's

record of decision (ROD), 9/29/95. P. 304759-304761.

59.

P. 304762-304924.

COMMUNITY INVOLVEMENT/CONGRESSIONAL CORRESPONDENCE/IMAGERY

Final Meeting Summary, River Road Landfill, 2/24/92.
P. 500001-500007.